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VAIO

VGN-AR71ZU

Wide screen & power

High power HD notebook with Blu-ray Disc™ drive (reader/writer) and TV tuner

VAIO Europe official website
http://www.vaio.eu/

VAIO Europe official website
http://www.vaiopro.eu/

KEY FEATURES

- Blu-ray Disc™ drive (reader/writer) for watching HD movies and creating HD content
- Full HD 17.0" X-black LCD display with double lamp and up to 90% colour trueness
- Watch and record TV with integrated hybrid digital and analogue TV tuner
- High power with Windows Vista® Ultimate, Intel® Centrino® Duo and NVIDIA® graphics

TECHNICAL SPECIFICATIONS

Operating System

Operating System	Genuine Windows Vista® Ultimate

Architecture

Platform	Intel® Centrino® processor technology
Chipset	Mobile Intel® PM965 Express Chipset

CPU Section

Microprocessor Full Name	Intel® Core™2 Duo Processor T9300, Supports Enhanced Intel SpeedStep® Technology
Microprocessor Manufacturer	Intel®
Microprocessor Speed (GHz)	2.5
L2 Cache (KB)	6144 Advanced Smart Cache
Frontside Bus (MHz)	800
Number of Cores	2

Memory

Memory Speed (MHz)	667
Memory Type	DDR2 SDRAM (2x2048MB)
Max. Memory (MB)	4096
Max Memory Comment	In the case of 4GB, a portion of the system memory over 3GB might not be available to the operating system
Memory Size (MB)	4096

Drives

Hard Drive Type	Serial ATA RAID 0 (0 and 1 supported) 2x320GB
Hard Drive Capacity (GB)	640
Hard Drive Speed (rpm)	5400
Optical Drive Type	Blu-ray Disc™ Drive: BD-R/-RE/-ROM/ DVD+-RW/+-R DL/RAM Drive
Optical Drive Fitting	Built-in

Drives Speed

Write	CD-R x8, CD-RW x8, DVD-R DL x2, DVD-R x8, DVD-RW x4, DVD+R DL x2.4, DVD+R x8, DVD+RW x4, DVD-RAM x5, BD-Rx2, BD-RE x2, BD-R DL x1, BD-RE DL x1
Read	CD x24, CD-R x24, CD-RW x24, DVD x8, DVD-R DL x6, DVD-R x8, DVD-RW x6, DVD+R DL x8, DVD+R x8, DVD+RW x8, DVD-RAM x5, BD-ROM x2, BD-Rx2, BD-RE x2, BD-RE DL x1.6, BD-R DL x1.6

Display

Display Type	X-black LCD with double lamp technology
Diagonal Size (in)	17
Resolution Format	1920 x 1200
Resolution Type	WUXGA

Graphics

Graphic Card Full Name	NVIDIA® GeForce® 8600M GT GPU
Producer	NVIDIA®
Comments	Dedicated Video Memory of 512MB

Interfaces

4 Pin i.LINK™ (IEEE1394), 400 Mbps	1
DC in	1
Memory Stick™ Slot	1
Memory Stick™ Slot Type	Memory Stick™ standard, Memory Stick™ Duo, Memory Stick™ PRO, Memory Stick™ PRO Duo, high speed data transfer and MagicGate compatible
Microphone Jack	1
RJ-11 Direct Port (Modem)	1
RJ-45 Direct Port (Network)	1
TV out	2
TV out Type(s)	S-Video + HDMI
USB Speed	High/Full/Low
USB Port (quantity)	3
USB Version	2.0
USB Connector Type	A
VGA Connector for Monitor	1
PCMCIA Card Type I or II	1
SD Card Slot	1
S-Video	1
AV in minijack	1
Audio out	2
Audio out Type(s)	Headphone/Speakers Jack and optical SPDI/F
Express Card Slot	1
Express Card Slot Type	54mm or 34mm

Connectivity

Built-in Modem	V.92/V.90
IR Receiver	1
Integrated Wireless LAN	YES
Wireless LAN Range (m)	max. 100
Integrated Bluetooth (Version)	2.0 + EDR
Bluetooth Range (m)	10
Wireless LAN Type	802.11a/b/g/Draft n
Wireless LAN Max. Date Rate (Mbps)	300
Ethernet network	10 BASE-T/100 BASE-TX/1000 BASE-T

Multimedia

TV Tuner Board	YES
Intel® High Definition Audio compatible	YES
3D Surround	YES
Built-in Stereo Speakers	YES
Windows® Sound System Compatible	YES
Sound Reality	YES
DVB-T	YES

Built-in Camera

Built-in 'Motion Eye' Digital Camera	YES
Frames per Second	30
Image Sensor (Mega Pixels)	1.3
Motion Picture Function	YES
Motion Pictures max. Resolution (pixels)	1280x1024 (SXGA)

Keyboard Section

Touch Pad	1

Features

Special Buttons	Power button, Wireless LAN switch, Short-cut Keys (S1 & S2) , Mute, Volume Control, AV buttons
Auto Resolution	Plug and Display
Kensigton Lock	YES
Built-in Microphone	YES

Software

Audio	VAIO Music Box, Windows Media Player 11, SonicStage Mastering Studio 2.4
Video & TV	Adobe Premiere Elements 4, VAIO Content Importer / Exporter, WinDVD BD 8.0 for VAIO, DivX Player & Converter, VAIO Movie Story
Photo	Adobe Photoshop Elements 6, Google Picasa, VAIO Movie Story
CD-DVD Burning	Easy Media creator 9, Click to Disc/Editor
Office Application	Adobe® Reader® 8.1, Adobe Standard 8, Microsoft® Works 8.5, Microsoft® Office Trial 2007 (60 days Try & Buy)
Security & Other	Norton 360 (with 60 days free virus updates), VAIO Recovery Utility - HDD recovery (hidden partition), Skype, Google software package

Supplied Accessories

AC Adaptor	YES
Battery	YES
Power Cord	YES
Others	TV tuner Remote control (RM-MCE20E)

Dimensions

Depth Main Unit (mm)	299.5
Height Main Unit (mm)	33.5
Width Main Unit (mm)	416
Weight with Supplied Battery and Supplied Drive (kg)	3.9

Battery

Battery Type	Lithium-Ion battery (VGP-BPS9A/B)
Battery Life (min)	95
Battery Charging Time (min)	230
Battery Life Disclaimer	Actual battery life will vary depending on your specific hardware and software configurations. Benchmark: MobileMark 2007

Guarantee

Months	12

OPTIONAL ACCESSORIES

VGP-EMB03

VAIO Backpack

VGP-BPS9A/B

Rechargeable Battery

VGP-AC19V16

Sony VAIO® AC Adapter

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